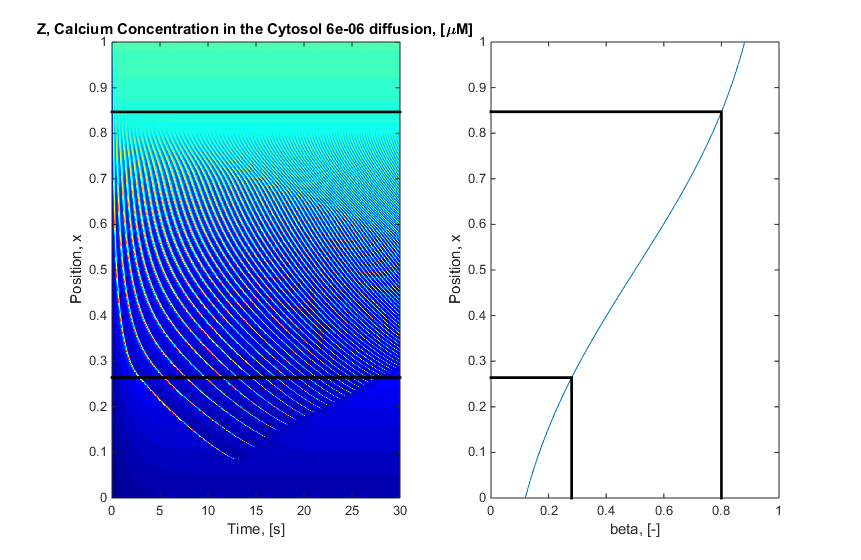
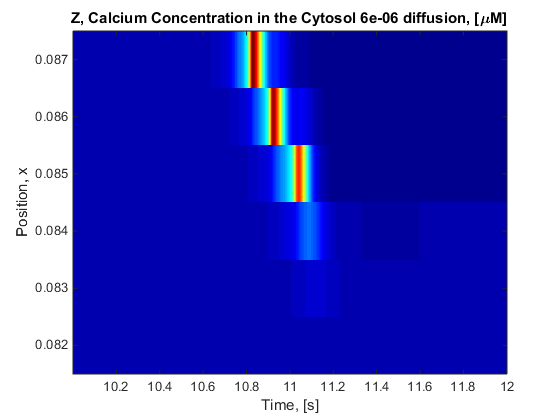
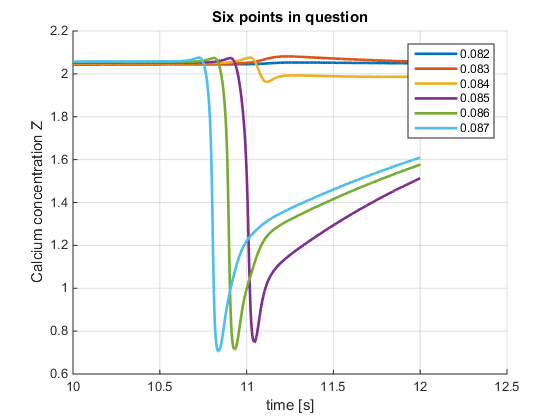
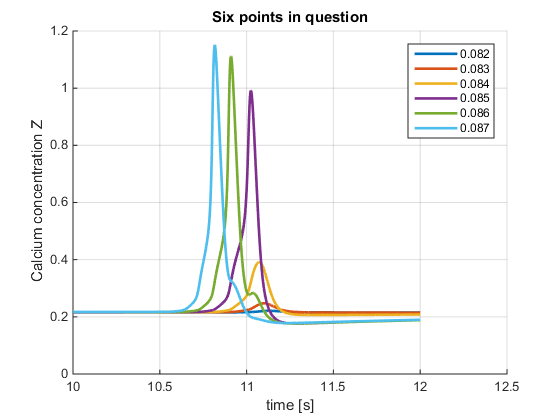
Above and Below Wave End

Given the Simple Diffusion (6e-6) 





Y

There are multiple components to consider here which stem from the original equation:

Where

First of all it is easy to determine which components are already predictable, ie , , and

Given the graphs above and that and

Instead

The components which will be considered are:

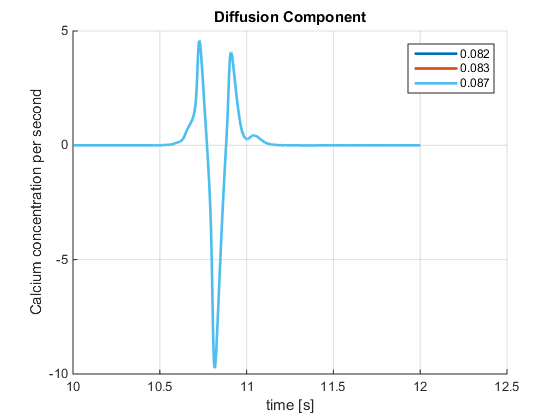
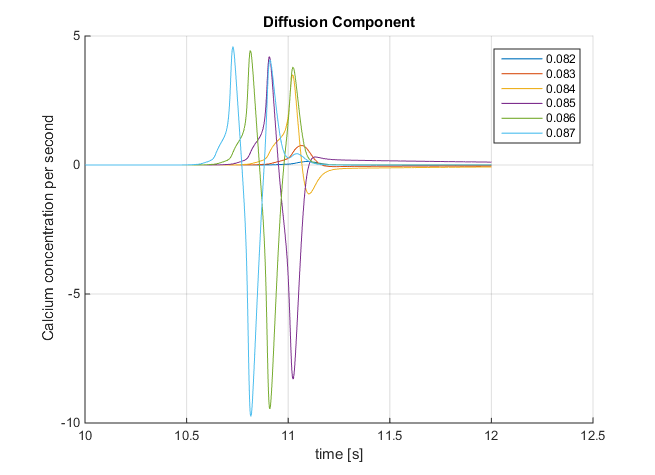
|  |  |  |  |
| --- | --- | --- | --- |
| Number | 1 | 2 | 3 |
| Component |  |  |  |

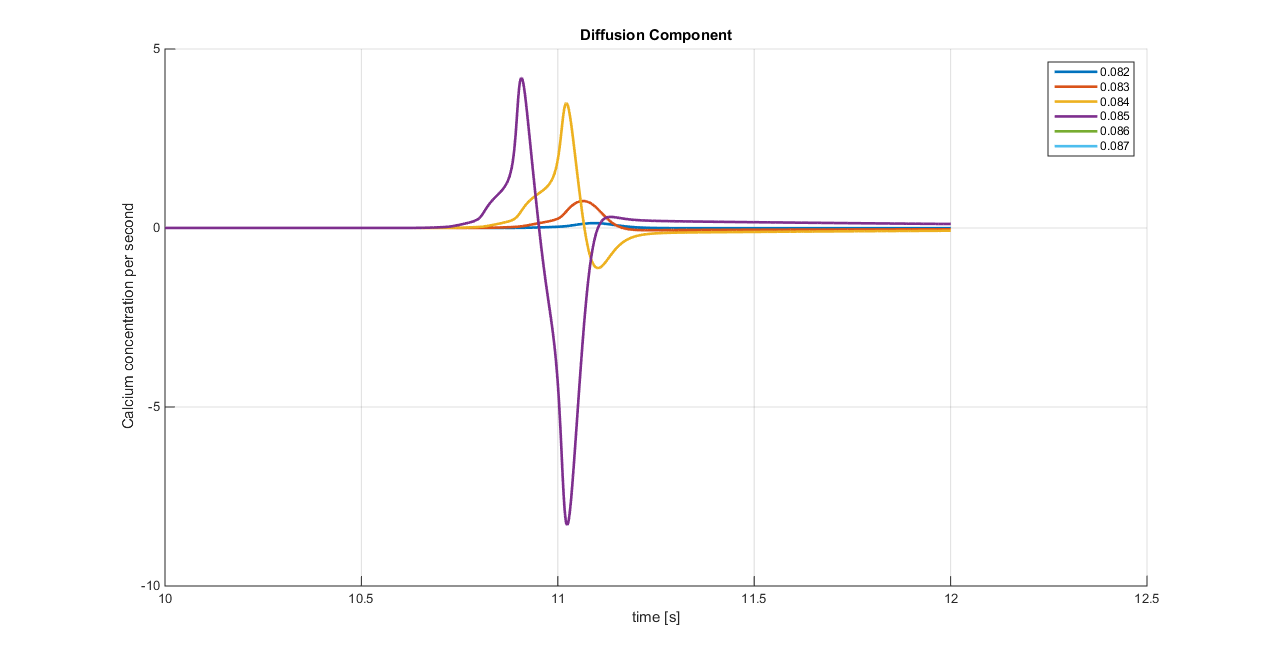
# V2 and V3

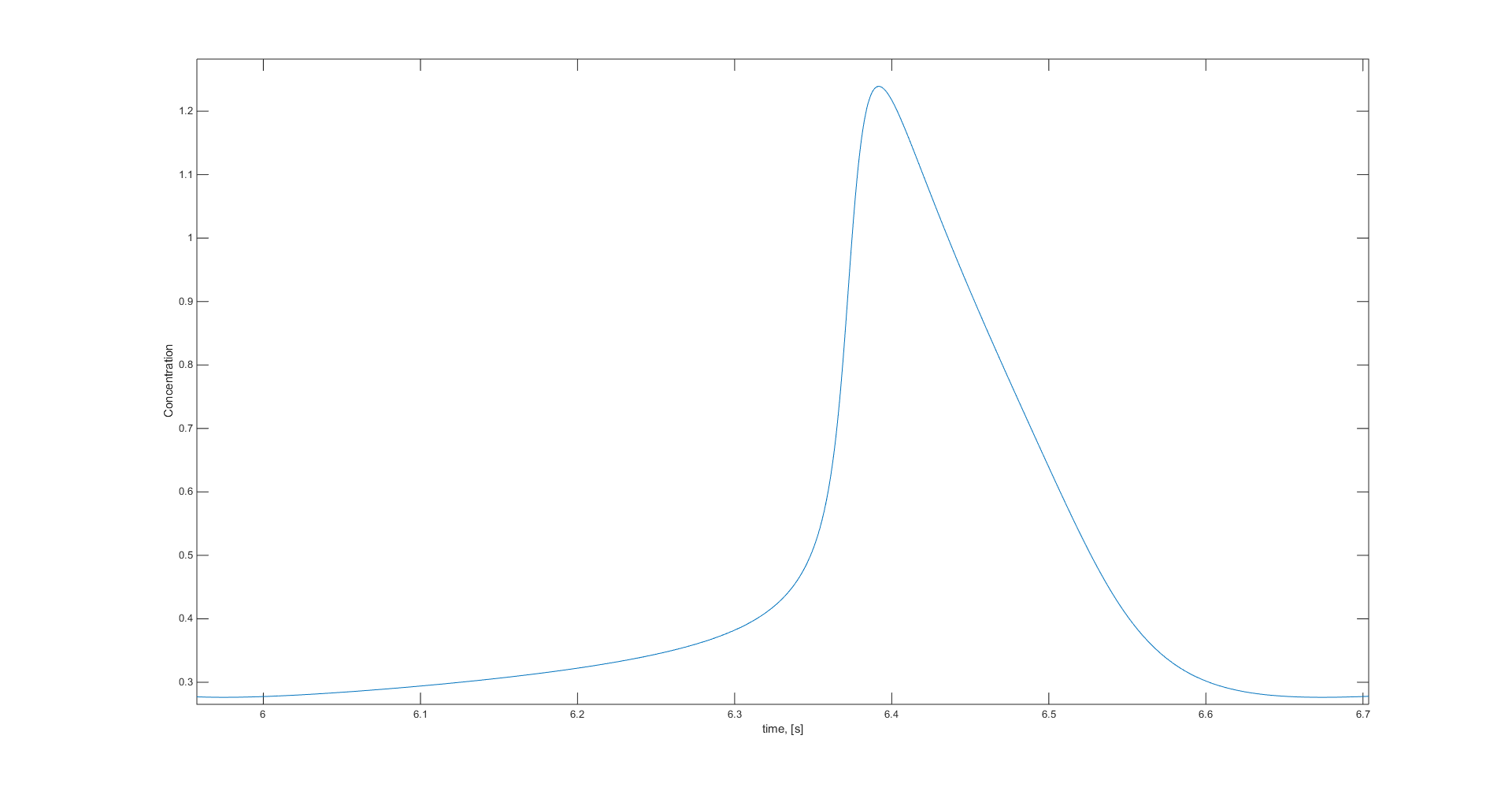
For V2 it is clear why it follow the graph similar to that of Z (see book)

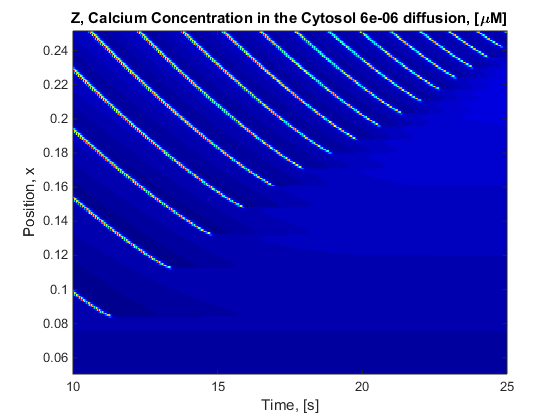
For V3 again it roughly is the same graphs as that of Z. This is because as you go into the wave Y drops and Z rises. This means in the V3 equation the second half is dominant and that part is determined by Z

# Diffusion









**14**

**16**

**15**

**12**

**13**

**11**

**10**

**9**

**8**

**7**

**6**

**5**

**4**

**3**

**2**

**1**